AMENDMENTS TO THE CLAIMS

1-3. (canceled)

4. (currently amended) An Al-Mg alloy that has been subjected to at least one sensitization treatment conducted from 80-200 degrees C, said alloy comprising a modified AA5083 alloy containing 0.05 to 0.2% Cu, 0.3 to 0.6% Zn, and ≤0.05% Zr~~:~~

~~Cu 0.05-0.2%;~~
~~Zn 0.3-0.6%;~~
~~Mg 4.0-5.0%;~~
~~Mn 0.4-1.0%;~~
~~Incidental impurities; and~~
~~Al balance~~.

5. (currently amended) An Al-Mg alloy according to claim 4, further comprising Ag 0.03-0.23%.

6. (cancelled)

7. (currently amended) An Al-Mg-alloy comprising a modified AA5083 alloy containing 0.05 to 0.2% Cu, 0.3 to 0.6% Zn, and ≤0.05% Zr~~:~~

~~Cu 0.05-0.2%;~~
~~Zn 0.3-0.6%;~~
~~Mg 3.5-5.0%;~~
~~Mn 0.4-1.0%;~~
~~Incidental impurities; and~~
~~Al balance~~,

wherein upon being subjected to a sensitization treatment at a temperature from 80-200°C, a quaternary Al-Mg-Zn-Cu phase is formed at grain boundaries.

8. (cancelled)

9. (previously presented) An Al-Mg alloy consisting essentially of a modified AA5083 alloy containing 0.05 to 0.2% Cu, 0.3 to 0.6% Zn, ≤0.05% Zr, and~~:~~

~~Cu 0.05-0.2%;~~
~~Zn 0.3-0.6%;~~
~~Mg 4.0-5.0%;~~
~~Mn 0.4-1.0%;~~
~~Ag~~ 0.03-0.23% Ag~~;~~
~~Incidental impurities; and~~
~~Al balance~~.

10. (currently amended) An Al-Mg alloy consisting essentially of a modified AA5083 alloy containing 0.05 to 0.2% Cu, 3 to 0.6% Zn, and ≤0.05% Zr~~:~~

~~Cu 0.05-0.2%;~~
~~Zn 0.3-0.6%;~~
~~Mg 4.0-5.0%;~~
~~Mn 0.4-1.0%;~~
~~Incidental impurities; and~~
~~Al balance~~.

11-15. (cancelled)

16. (previously presented) A marine product, railcar product, dump body, chemical tank cars, cryogenic application and/or auto body panel comprising an Al-Mg alloy according to claim 4.

17-21. (cancelled)

22. (previously presented) A marine product, railcar product, dump body, chemical tank cars, cryogenic application and/or auto body panel comprising an Al-Mg alloy according to claim 7.

23. (cancelled)

24. (previously presented) A marine product, railcar product, dump body, chemical tank cars, cryogenic application and/or auto body panel comprising an Al-Mg alloy according to claim 9.

25. (previously presented) A marine product, railcar product, dump body, chemical tank cars, cryogenic application and/or auto body panel comprising an Al-Mg alloy according to claim 10.

26-37. (cancelled)

38. (previously presented) An Al-Mg alloy according to claim 7, comprising a tau phase having an average size from about 0.1 to about 1 μm and a mass loss according to ASTM G 67 of less than about 40 mg/cm^2.

39. (previously presented) An Al-Mg alloy according to claim 38, wherein said mass loss is less than about 27 mg/cm^2.

40-41. (cancelled)

42. (new) An Al-Mg alloy according to Claim 9, wherein upon being subjected to a sensitization treatment at a temperature from 80 to 200 °C, a quaternary Al-Mg-Zn-Cu phase is formed at grain boundaries.

43. (new) An Al-Mg alloy according to Claim 10, wherein upon being subjected to a sensitization treatment at a temperature from 80 to 200 °C, a quaternary Al-Mg-Zn-Cu phase is formed at grain boundaries.